

```
# #####
# # ERRORS #
# #####

# -----
# | 404 error prevention |
# -----

# Disable the pattern matching based on filenames.

# This setting prevents Apache from returning a 404 error as the result
# of a rewrite when the directory with the same name does not exist.
```

Options -MultiViews

```
# #####
# # INTERNET EXPLORER #
# #####

# Force Internet Explorer to render pages in the highest available
# mode in the various cases when it may not.
```

```
<IfModule mod_headers.c>
    Header set X-UA-Compatible "IE=edge"
    <FilesMatch "\.(appcache|atom|crx|css|curl|eot|f4[abpv]|flv|geojson|gif|htc|ico|jpe?
gl|js|json|ld)?
|m4[av]|manifest|map|mp4|oex|og[agv]|opus|otf|pdf|png|rdf|rss|safariextz|svgz?
|swf|topojson|tt[cf]|txt|vcf|vtt|webapp|web[mp]|woff2?|xml|xpi)$">
        Header unset X-UA-Compatible
    </FilesMatch>
</IfModule>
```

```
# #####
# # MEDIA TYPES AND CHARACTER ENCODINGS #
# #####

# -----
# | Media types |
# -----

# Some resources with the wrong media type (formerly known as MIME types)
```

```
# serve resources with the proper media types (formerly known as mime types).
```

```
<IfModule mod_mime.c>
```

```
  AddType audio/mp4             f4a f4b m4a
  AddType audio/ogg             oga ogg opus
  AddType application/json      json map topojson
  AddType application/ld+json   jsonld
  AddType application/vnd.geo+json geojson
  AddType application/javascript js
  AddType application/x-web-app-manifest+json webapp
  AddType text/cache-manifest   appcache manifest
  AddType video/mp4             f4v f4p m4v mp4
  AddType video/ogg             ogv
  AddType video/webm            webm
  AddType video/x-flv           flv
  AddType application/font-woff woff
  AddType application/font-woff2 woff2
  AddType application/vnd.ms-fontobject eot
  AddType application/x-font-ttf    ttc ttf
  AddType font/opentype          otf
  AddType image/svg+xml         svg svgz
  AddType application/octet-stream safariextz
  AddType application/x-chrome-extension crx
  AddType application/x-opera-extension oex
  AddType application/x-xpinstall  xpi
  AddType application/xml        atom rdf rss xml
  AddType image/webp             webp
  AddType image/x-icon           cur ico
  AddType text/vtt               vtt
  AddType text/x-component       htc
  AddType text/x-vcard           vcf
```

```
</IfModule>
```

```
# -----
# | Character encodings |
# -----
```

```
# Set `UTF-8` as the character encoding for all resources served with
# the media type of `text/html` or `text/plain`.
```

```
AddDefaultCharset utf-8
```

```
# Add support for the Content-Disposition module
```

```
# Set UTF-8 as the character encoding for other certain resources.
```

```
<IfModule mod_mime.c>
```

```
    AddCharset utf-8 .atom \
                .css \
                .geojson \
                .js \
                .json \
                .jsonld \
                .rss \
                .topojson \
                .vtt \
                .webapp \
                .xml
```

```
</IfModule>
```

```
# #####
# # URL REWRITES #
# #####
```

```
# -----
# | Rewrite engine |
# -----
```

```
<IfModule mod_rewrite.c>
```

```
    Options +FollowSymlinks
    RewriteEngine On
    RewriteBase /
```

```
</IfModule>
```

```
# -----
# | Suppressing / Forcing the `www.` at the beginning of URLs |
# -----
```

```
# IMPORTANT: NEVER USE BOTH RULES AT THE SAME TIME!
```

```
# Option 1: rewrite www.example.com → example.com
```

```
# <IfModule mod_rewrite.c>
```

```
#     RewriteCond %{HTTPS} !=on
#     RewriteCond %{HTTP_HOST} ^www\. (.+)$ [NC]
#     RewriteRule ^ http://%1%{REQUEST_URI} [R=301,L]
```

```

# </IfModule>

# Option 2: rewrite example.com + www.example.com

# <IfModule mod_rewrite.c>
#     RewriteCond %{HTTPS} !=on
#     RewriteCond %{HTTP_HOST} !^www\. [NC]
#     RewriteCond %{SERVER_ADDR} !=127.0.0.1
#     RewriteCond %{SERVER_ADDR} !=::1
#     RewriteRule ^ http://www.%{HTTP_HOST}%{REQUEST_URI} [R=301,L]
# </IfModule>

# #####
# # SECURITY #
# #####

# -----
# | File access |
# -----

# Block access to directories without a default document.

<IfModule mod_autoindex.c>
    Options -Indexes
</IfModule>

# -----

# Block access to all hidden files and directories with the exception of the
# visible content from within the `/.well-known/` hidden directory.

<IfModule mod_rewrite.c>
    RewriteCond %{REQUEST_URI} "!(\^/)\.well-known/(\^[^./]+\./?)+" [NC]
    RewriteCond %{SCRIPT_FILENAME} -d [OR]
    RewriteCond %{SCRIPT_FILENAME} -f
    RewriteRule "(^/)\." - [F]
</IfModule>

# -----

# Block access to files that can expose sensitive information.

```

```
<FilesMatch "(^#.*#\.(bak|conf|dist|fla|in[ci]|log|psd|sh|sql|sw[op])|")$">
```

```
# Apache < 2.3
```

```
<IfModule !mod_authz_core.c>
```

```
    Order allow,deny
```

```
    Deny from all
```

```
    Satisfy All
```

```
</IfModule>
```

```
# Apache ≥ 2.3
```

```
<IfModule mod_authz_core.c>
```

```
    Require all denied
```

```
</IfModule>
```

```
</FilesMatch>
```

```
<Files ~ "^(.*\.([Hh][Tt][Aa]))">
```

```
# Apache < 2.3
```

```
<IfModule !mod_authz_core.c>
```

```
    Order allow,deny
```

```
    Deny from all
```

```
    Satisfy All
```

```
</IfModule>
```

```
# Apache ≥ 2.3
```

```
<IfModule mod_authz_core.c>
```

```
    Require all denied
```

```
</IfModule>
```

```
</Files>
```

```
# -----  
# | Reducing MIME type security risks |  
# -----
```

```
# Prevent some browsers from MIME-sniffing the response.
```

```
<IfModule mod_headers.c>
```

```
    Header set X-Content-Type-Options "nosniff"
```

```

</IfModule>

# -----
# | Reflected Cross-Site Scripting (XSS) attacks |
# -----

<IfModule mod_headers.c>
    Header set X-XSS-Protection "1; mode=block"
    <FilesMatch "\.(appcache|atom|crx|css|curl|eot|f4[abpv]|flv|geojson|gif|htc|icol|jpe?
gl|jst|json|ld)?
|m4[av]|manifest|map|mp4|oex|og[agv]|opus|otf|pdf|png|rdf|rss|safariextz|svgz?
|swf|topojson|ttf|cf|txt|vcl|vtt|webapp|web[mp]|woff2?|xml|xpi)$">
        Header unset X-XSS-Protection
    </FilesMatch>
</IfModule>

# #####
# # WEB PERFORMANCE #
# #####

# -----
# | Compression |
# -----

<IfModule mod_deflate.c>

    # Force compression for mangled headers.
    #
    <IfModule mod_setenvif.c>
        <IfModule mod_headers.c>
            SetEnvIfNoCase ^(\Accept-EncodXng|X-cept-Encoding|X(15)|^(15)|-(15))$
^((gzip|deflate)\s*,?\s*)+([X^~]{4,13})$ HAVE_Accept-Encoding
            RequestHeader append Accept-Encoding "gzip,deflate" env=HAVE_Accept-Encoding
        </IfModule>
    </IfModule>

# -----

# Mark certain resources as been compressed in order to:
#
# 1) prevent Apache from recompressing them

```

```
# 2) ensure that they are served with the correct
# `Content-Encoding` HTTP response header
```

```
<IfModule mod_mime.c>
    AddEncoding gzip          svgz
</IfModule>
```

```
# -----
```

```
# Compress all output labeled with one of the following media types.
```

```
<IfModule mod_filter.c>
    AddOutputFilterByType DEFLATE "application/atom+xml" \
        "application/javascript" \
        "application/json" \
        "application/ld+json" \
        "application/manifest+json" \
        "application/rdf+xml" \
        "application/rss+xml" \
        "application/schema+json" \
        "application/vnd.geo+json" \
        "application/vnd.ms-fontobject" \
        "application/x-font-ttf" \
        "application/x-javascript" \
        "application/x-web-app-manifest+json" \
        "application/xhtml+xml" \
        "application/xml" \
        "font/eot" \
        "font/opentype" \
        "image/bmp" \
        "image/svg+xml" \
        "image/vnd.microsoft.icon" \
        "image/x-icon" \
        "text/cache-manifest" \
        "text/css" \
        "text/html" \
        "text/javascript" \
        "text/plain" \
        "text/vcard" \
        "text/vnd.rim.location.xloc" \
        "text/vtt" \
```

```
"text/x-component" \  
"text/x-cross-domain-policy" \  
"text/xml"
```

```
</IfModule>
```

```
</IfModule>
```

```
# BEGIN WordPress
```

```
<IfModule mod_rewrite.c>
```

```
RewriteEngine On
```

```
RewriteBase /
```

```
RewriteRule ^index\.php$ - [L]
```

```
RewriteCond %{REQUEST_FILENAME} !-f
```

```
RewriteCond %{REQUEST_FILENAME} !-d
```

```
RewriteRule . /index.php [L]
```

```
</IfModule>
```

```
# END WordPress
```